

## UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG\_\_\_\_ ELECTRIC LOGS\_\_\_\_ FILE X WATER SANDS\_\_\_\_ LOCATION INSPECTED\_\_\_\_ SUB. REPORT/ABD.\_\_\_\_

DATE FILED 5-8-79

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. UTAH-0143933

INDIAN

DRILLING APPROVED: 5-7-79

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

5188' 6L

DATE ABANDONED:

8-21-80 - Location Abandoned

FIELD: Natural Buttes 3/86

UNIT: Natural Buttes

COUNTY: Uintah

WELL NO. Natural Buttes Unit 68-25B

API NO: 43-047-30575

LOCATION 524' FT. FROM (N) ~~XX~~ LINE.274' 824' FT. FROM (E) ~~XX~~ LINE.

NE NE

1/4 - 1/4 SEC. 25

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				10S	21E	25	BELCO DEVELOPMENT CORP.

# FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Date Well Completed .....

Location Inspected ....

Bond released .....

State or Fee Land .....

..... NW..... EA.....  
GW..... OS..... PA.....

## LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-H..... Micro.....

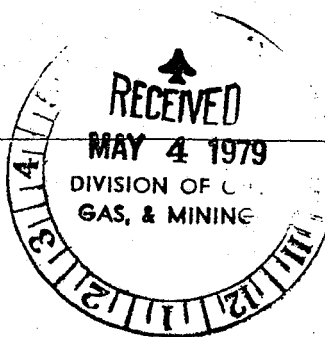
BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CLog..... Others.....

SwP  
7-15-92

Belco Petroleum Corporation

**Belco**



May 2, 1979

Mr. Edgar W. Guynn, District Engineer  
United States Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

RE: Applications for Permit to Drill  
Natural Buttes Unit  
Uintah County, Utah

Dear Mr. Guynn:

Attached are Applications for Permit to Drill, Survey  
Plats, BOP Diagrams, and Surface Use and Operating Plans for the  
following three wells:

NATURAL BUTTES UNIT 68-25B  
NE NE Section 25, T10S, R21E

NATURAL BUTTES UNIT 69-28B  
NW NE Section 28, T10S, R22E

NATURAL BUTTES UNIT 70-34B  
NE SW Section 34, T10S, R22E

Very truly yours,

BELCO DEVELOPMENT CORPORATION

*Leo R. Schueler* / RAS  
Leo R. Schueler  
District Manager

RAS/rgt

Attachments

cc: ~~Utah Division of Oil, Gas & Mining~~  
Houston  
Denver  
Vernal  
File (3)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NO UTAH 0143933
1b TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6 IF INDIAN, ALLOTTEE OR TRIBE NAME
2 NAME OF OPERATOR BELCO DEVELOPMENT CORPORATION		7 UNIT AGREEMENT NAME NATURAL BUTTES UNIT
3 ADDRESS OF OPERATOR P. O. BOX X, VERNAL, UTAH 84078		8 FARM OR LEASE NAME
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 824' 524' FNL & 774' FEL (NE NE) At proposed prod zone SAME		9 WELL NO 68-25B
14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10 FIELD AND POOL, OR WILDCAT NBU - WASATCH
15 DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drlg unit line, if any) 524'		11 SEC, T, R, M, OR BLK AND SURVEY OR AREA SEC 25, T10S, R21E
16 NO OF ACRES IN LEASE 240		12 COUNTY OR PARISH UINTAH
17 NO OF ACRES ASSIGNED TO THIS WELL		13 STATE UTAH
18 DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT 6200		20 ROTARY OR CABLE TOOLS ROTARY
21 ELEVATIONS (Show whether DF, RT, GR, etc.) 5188' Nat. GL		22 APPROX. DATE WORK WILL START* 6/79

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	9-5/8"	36.0# K-55	200'	200 SX
7-7/8"	4 1/2"	11.6# K-55	6200'	1000 SX

1. SURFACE FORMATION: Uinta
2. EST LOG TOPS: Green River 1152', Wasatch 4052'.
3. Anticipate water in the Uinta. Expect oil & gas in the Green River 2500-4052', and gas in the Wasatch @ 4052' to TD.
4. CASING DESIGN: New casing as above.
5. MIN BOP: 10", 3000 psi hydraulic double gate. Test to 1000 psi prior to drilling surface plug. Test on each trip for bit.
6. MUD PROGRAM: A water based gel-chemical mud weighted to 10.5 ppg will be used to control the well.
7. AUX. EQUIP: 2", 3000 psi choke manifold & kill line, kelly cock, stabbing valve, and visual mud monitoring.
8. No cores or DST's are planned. Will run DIL, FDC-CNL-GR logs.
9. No abnormal pressures or problems are anticipated.
10. Operations will begin approx 6/79 and end approx 6/79.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths Give blowout preventer program, if any

24  
SIGNED Robert Springman TITLE ENGINEERING TECHNICIAN DATE 5/2/79  
(This space for Federal or State office use)

PERMIT NO \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY (Orig Sgd) R A. Henricks TITLE ACTING DISTRICT ENGINEER DATE JUN 28 1979  
CONDITIONS OF APPROVAL, IF ANY

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

NECESSARY FLARING OF GAS DURING  
DRILLING AND COMPLETION APPROVED  
SUBJECT TO ROYALTY (NPL-4)

STATE OF UTAH

FROM: : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0143933

OPERATOR: BELCO DEVELOPMENT CORP.

WELL NO. 68-258

LOCATION: 1/4 NE 1/4 NE 1/4 sec. 25, T. 10S, R. 21E, SLM

UINTAH County, UTAH

1. Stratigraphy: Operators estimated tops seem reasonable.  
Surface - Uinta Fm.

1152' - Green River Fm.

4052' - Wasatch Fm.

6200' - T.D.

BELCO Pet. Co. well # 18-26B, sec. 26 same twsp, reports production zone in the Wasatch Fm @ 4826-5116 with IPF 2060 MCF/DPD

2. Fresh Water:

Fresh water may occur in sands in the Uinta & upper portion of Green River Fm. WRD reports that usable water could occur to a depth of 3500 ± feet.

3. Leasable Minerals:

Oil shale beds may be encountered in the Green River Fm at about 3500 feet.

4. Additional Logs Needed: Operator's proposed logs should be run through the Green River Fm to identify oil shale beds.

5. Potential Geologic Hazards: None anticipated

6. References and Remarks: Proposed well 3/4 mile east of Bitter Creek KGS Field

Signature: emb

Date: 5-7-79

United States Department of the Interior  
Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

## Usual Environmental Analysis

Lease No. U-0143933Operator Belco Development Corp.Well No. 68-25BLocation 524" FNL & 824' FEL Sec. 25 T. 10S R. 21ECounty Uintah State Utah Field Bitter CreekStatus: Surface Ownership Public Minerals FederalJoint Field Inspection Date May 14, 1979

## Participants and Organizations:

<u>Craig Hansen</u>	<u>U.S. Geological Survey, Vernal</u>
<u>Greg Darlington</u>	<u>U.S. Geological Survey, Vernal</u>
<u>Ron Rogers</u>	<u>Bureau of Land Management, Vernal</u>
<u>Rick Schatz</u>	<u>Belco Development Corporation</u>
<u>Bud Pease</u>	<u>Pease Construction</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

## Related Environmental Analyses and References:

(1) Unit Resource Analysis, Bonanza Planning Unit, BLM, Vernal, Utah

(2)

Analysis Prepared By: Craig Hansen, Environmental Scientist, Vernal, Utah,  
and Greg Darlington, Environmental Scientist, Vernal,  
Utah

Date: May 15, 1979Reviewed by: George Diwachak, Environmental Scientist,  
Salt Lake City, Utah

Noted - G. Diwachak

Proposed Action:

On May 4, 1979, Belco Development Corporation filed an Application for Permit to Drill the No. 68-25B development well, a 6200-foot gas test of the Wasatch Formation; located at an elevation of 5188 ft. in the NE/4 NE/4 Section 25, T. 10S., R. 21E. on Federal mineral lands and Public surface; lease No. U-0143933. As an objection was raised to the wellsite it was moved to 524' FNL and 824' FEL. This did not change the  $\frac{1}{4}$   $\frac{1}{4}$  coordinates. There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 180 ft. wide by 325 ft. long and a reserve pit 50 ft. by 150 ft. A new access road would be constructed 32 ft. wide by .8 mile long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is June, 1979 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 18.6 miles southeast of Ouray, Utah, the nearest town. A fair road runs to within .8 mile of the location. This well is in the Natural Buttes Unit.

Topography:

The location is on a northwest slope in the bottom of an alluvial drainage near Sand Wash. More resistant outcrops of sandstone are found nearby to the north and south of the location.

Geology:

The surface geology is Uintah. The soil is sandy to clay with some weather-

ed shales and sandstones. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydro-carbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

#### Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 4.6 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.



Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 6 to 8" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 7".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drains northwest into Sandwash, which is a non-perennial drainage to the White River, which in turn, flows into the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is

normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be lined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

#### Vegetation:

Sage brush, greasewood, cactus, rabbitbrush and small amounts of native grasses exist on the proposed location.

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 4.6 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

#### Wildlife:

The fauna of the area consists predominantly of mule deer, antelope, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

#### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state, and possible national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.


The proposed location is within the Bonanza Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid

wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

- (1) Not approving the proposed permit-The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.
- (2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is recommended. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.
- (3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.
  - (a) The location is to be moved 50 ft. west to reduce cut and fill on the east side of the pad.
  - (b) A trash cage should be used instead of a burn pit and all refuse will be removed upon completion of drilling activities.
  - (c) The topsoil stockpile should be moved to the northwest corner of the pad.
  - (d) Reserve pits were shortened to 50 ft. by 150 ft. to avoid possible disturbance to Sand Wash.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 4.6 acres of land surface for the lifetime of the project which would result in

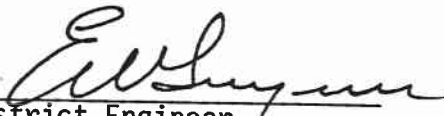
increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to Sand Wash would exist through leaks and spills.

Determination:

This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

JUN 05 1979

Date



District Engineer  
U.S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City District



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

BELCO DEVELOPMENT CORPORATION

## 3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

524' FNL &amp; 774' FEL (NE NE)

At proposed prod. zone

SAME

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

524'

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

240

## 19. PROPOSED DEPTH

6200

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

## 20. ROTARY OR CABLE TOOLS

ROTARY

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188' Nat. GL

## 22. APPROX. DATE WORK WILL START\*

6/79

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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## 24.

SIGNED

*Robert Spingma*

TITLE ENGINEERING TECHNICIAN

DATE 5/2/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE: 5-7-79

BY:

*M.S. Smith*

**T10S, R21E, S.L.B. & M.**

**PROJECT**  
**BELCO PETROLEUM CORP.**

Well location, **NATURAL BUTTES UNIT #68-25B**, located as shown in the NE 1/4 NE 1/4 Section 25, T10S, R21E, S.L.B. & M. Uintah County, Utah.

**NOTE:**

Elev. Ref. Pt.	200'	S 70° 38' 55" E	= 5218.11'
"	"	"	= 5226.53'
"	"	200' S 19° 21' 05" W	= 5188.87
"	"	225'	= 5190.87'



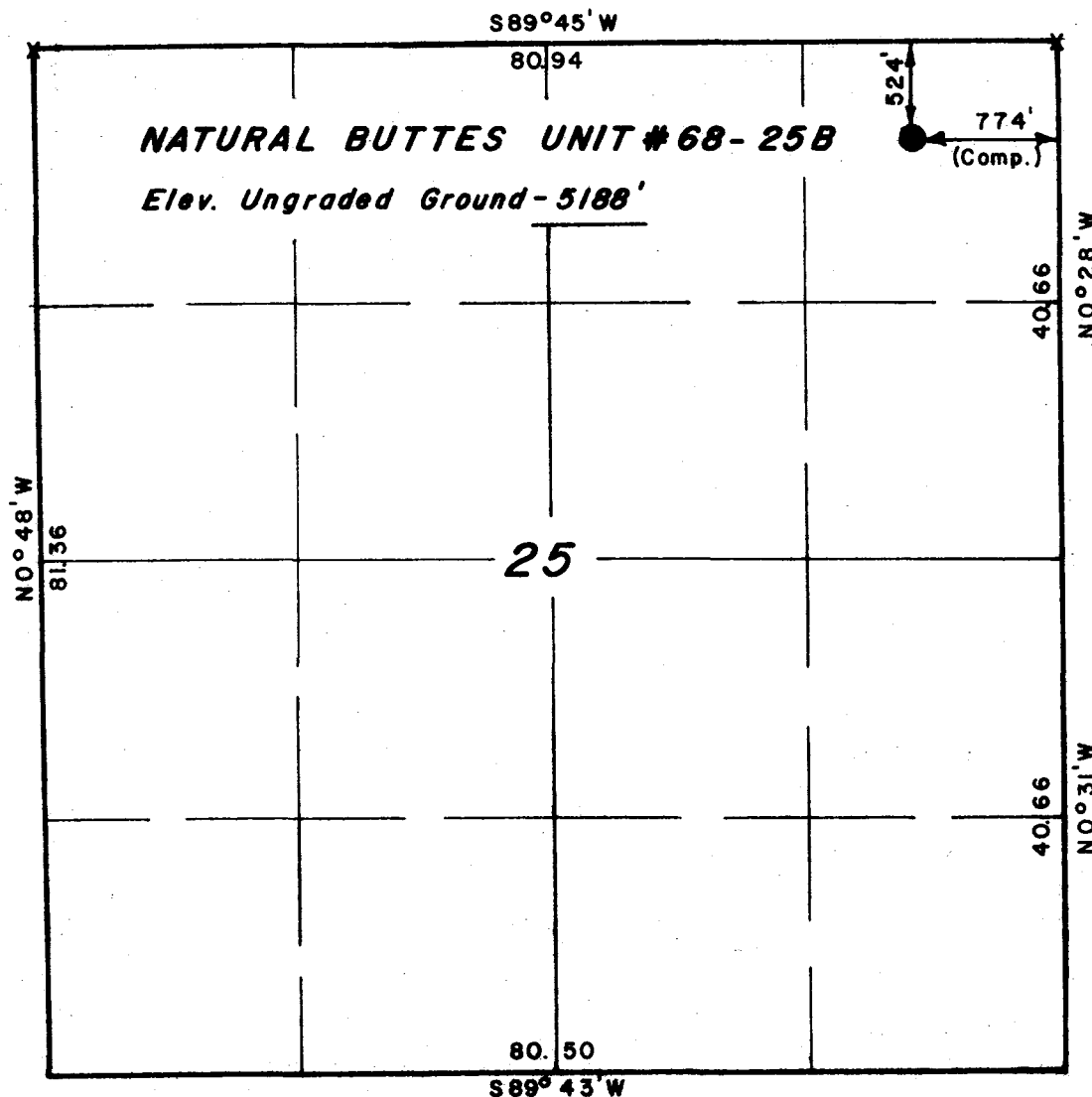
**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

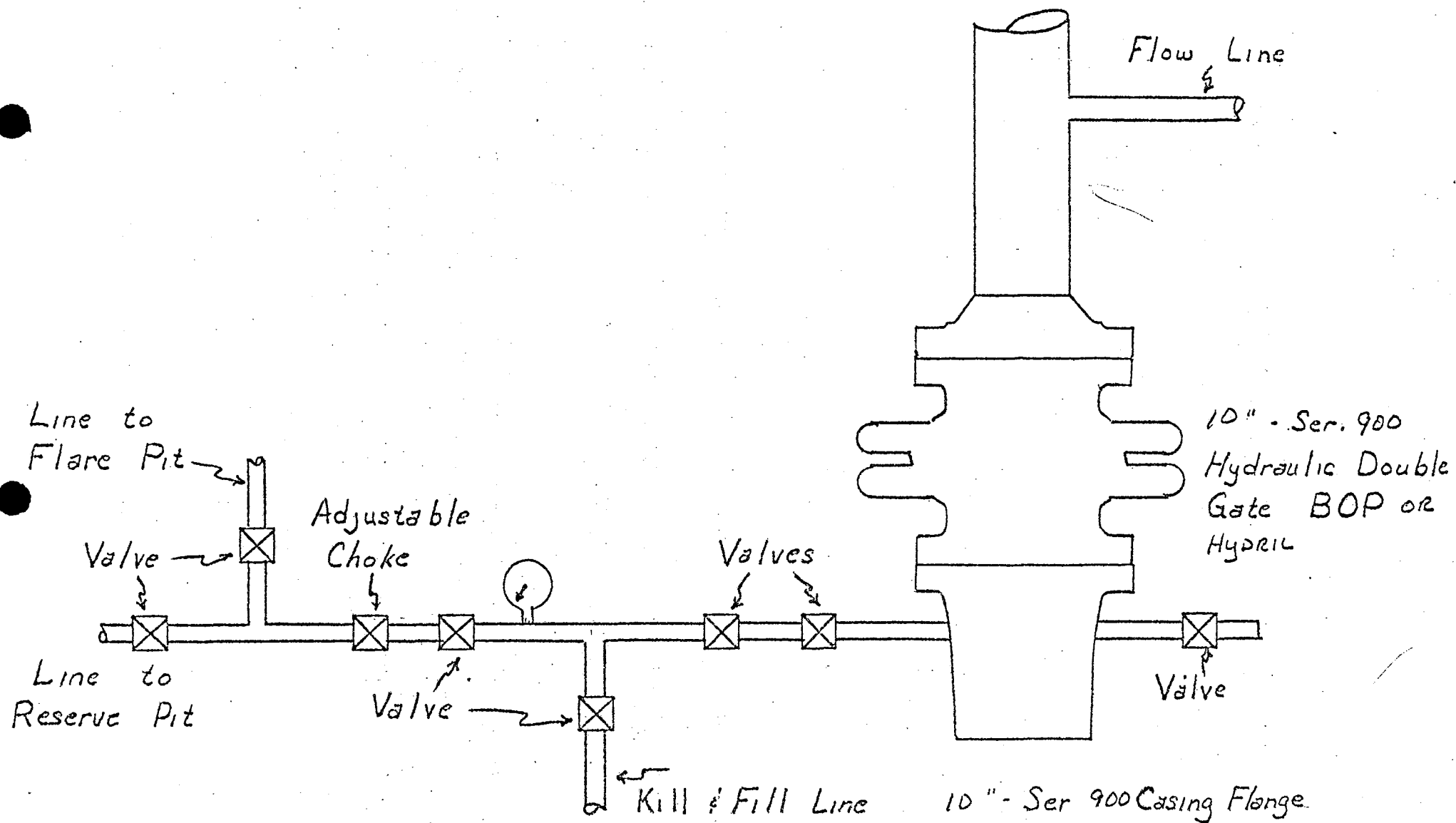
*Gene Stewart*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	4/23/79
PARTY	S.S. S.H. S.B.	REFERENCES	GLO Plat
WEATHER	Clear & Warm	FILE	BELCO PETRO



X = Section Corners Located





STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: May 4, 1979

Operator: Belco Development Corp.

Well No: Natural Buttes Unit 68-25B

Location: Sec. 25 T. 10S R. 21E County: Uintah

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number: 43-047-30575

CHECKED BY:

Administrative Assistant: \_\_\_\_\_

Remarks:

Petroleum Engineer: M.S. Minder 5-7-79

Remarks:

Director: \_\_\_\_\_

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

Surface Casing Change ☐  
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In \_\_\_\_\_ Unit

Other:

☐ Letter Written/Approved



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771  
March 3, 1980

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE MCINTYRE

Belco Petroleum Corp.  
P.O. Box X  
Vernal, Utah 84078

Re: See enclosed sheet for wells

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application. If you plan on drilling these wells at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH  
CLERK TYPIST

(1) Well No. Stagecoach 17-25  
Sec. 25, T. 8S, R. 21E.  
Uintah County, Utah

(2) Well No. Stagecoach 16-26  
Sec. 26, T. 8S, R. 21 E.  
Uintah County, Utah

(3) Well No. Natural Buttes *68-25B*  
Sec. 25, T. 10S, R. 21E.  
Uintah County, Utah

April 30, 1980

Belco Petroleum Corp.  
P.O. Box X  
Vernal, Utah 84073

Re: Well No. Natural Buttes Unit 68-25B  
Sec. 25, T. 10N, R. 21E.  
Uintah County, Utah

Gentlemen:

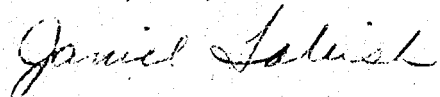
In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH  
CLERK-TYPIST

## Belco Petroleum Corporation

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# Belco

RECEIVED  
MAY 5 1980

May 2, 1980

DIVISION OF  
OIL, GAS & MINING

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah

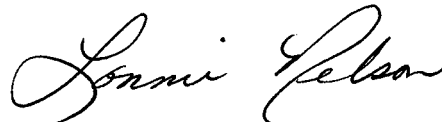
ATTENTION: Ms. Janice Tabish

RE: Belco NBU Well #68-25  
Sec. 25, T10S, R21E  
Uintah County, Utah

In reply to your letter of April 30, 1980, concerning the above referenced well, our District Engineer is evaluating the reports from off-set wells. There is still the possibility of drilling this well in the future, and we would not like to see the application terminated at this time.

However, if your office does decide to terminate the application, would you please inform us of the proper procedure for renewing the application at the appropriate time?

Very truly yours,



Lonnie Nelson  
Engineering Clerk

xc: file (2)

Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

August 27, 1980

Belco Development Corp.  
P.O. Box X  
Vernal, Utah 84078

Re: Returned Application for  
Permit to Drill  
Well #68-25B (*Natural Buttes*)  
Section 25, T. 10S., R. 21E.  
Uintah County, UT  
Lease #U-0143933  
Application Approved: June 28, 1979

Gentlemen:

The Application for Permit to Drill the referenced well were approved. Since that date no known activity has transpired at the approved location. The conditions of approval state under Item No. 10 that Applications for Permit to Drill are effective for a period of one year. In view of foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location on a future date a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must, then, be submitted. Your cooperation in this matter is appreciated.

Sincerely

(ORIG. SGD.) W. P. MARTENS  
E.W. Gynn  
District Engineer

bcc: ADCM, Oil & Gas, NCR, Casper  
SMA  
State Office (O&G)  
State Office (BLM)  
USGS-Vernal  
Well File  
APD Control

RAH/cva